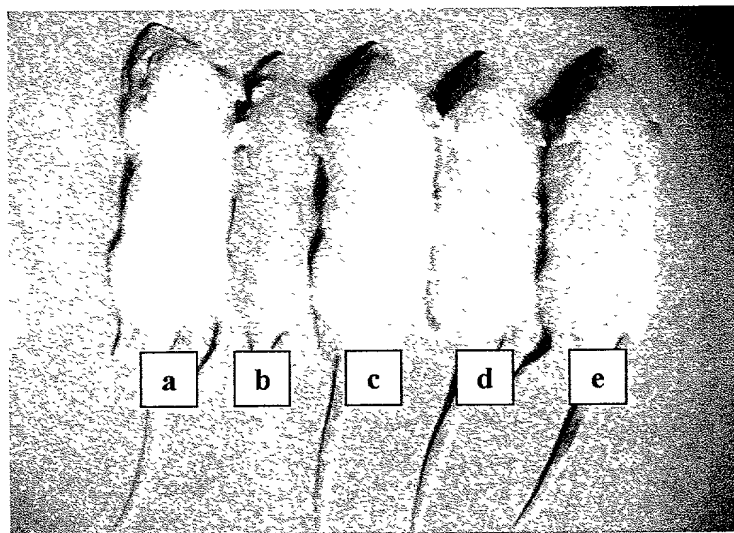
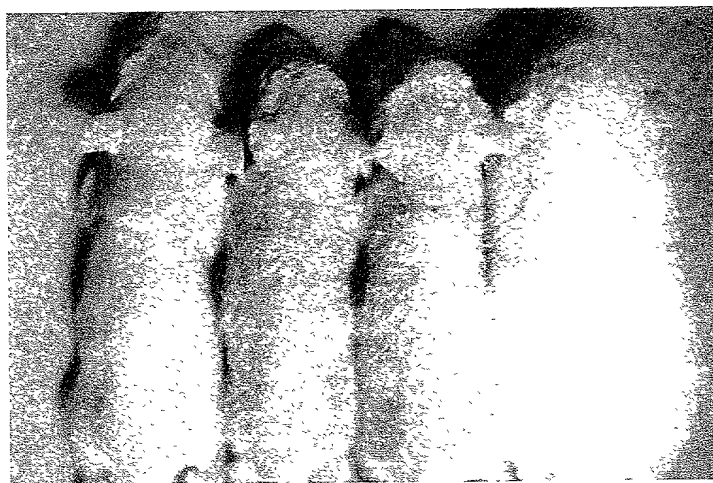


FIGURE 1



- a** untreated control
- b** Ara-c control
- c** SEQ ID NO: 2
- d** SEQ ID NO: 3
- e** SEQ ID NO: 22

FIGURE 2



Ara-c control

Ara-c +SEQ ID NO: 10

0.1mg

0.5mg

2.5mg

FIGURE 3A

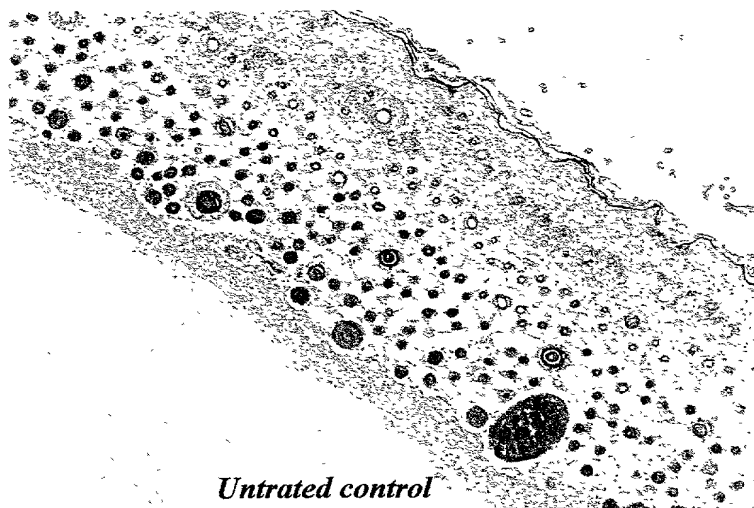


FIGURE 3B

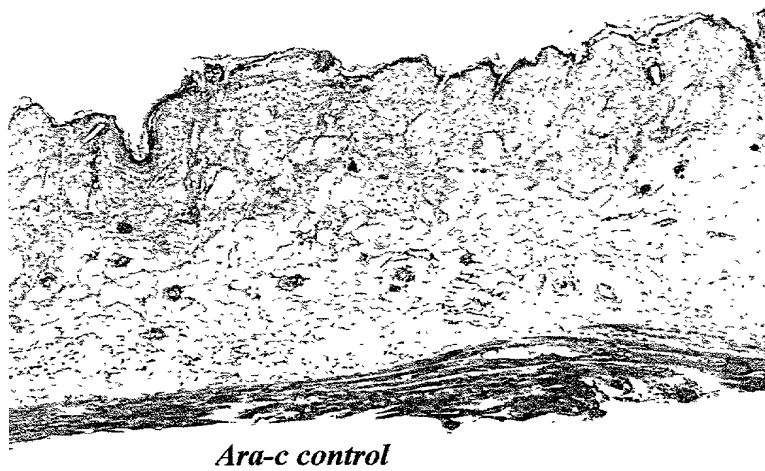


FIGURE 3C

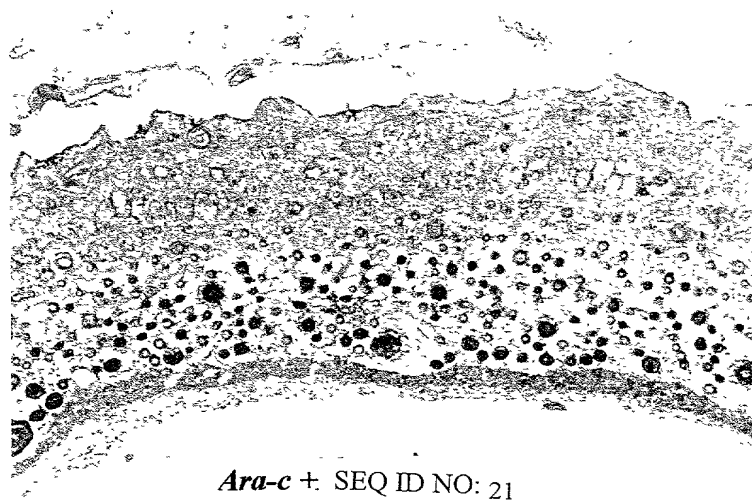


FIGURE 4

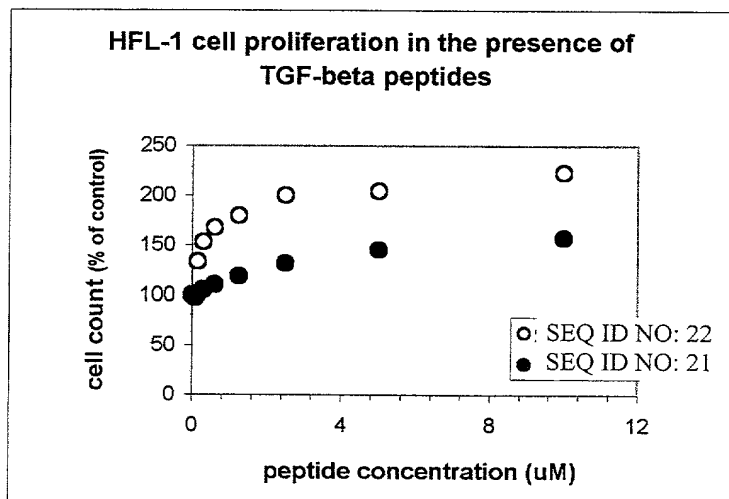


FIGURE 5A

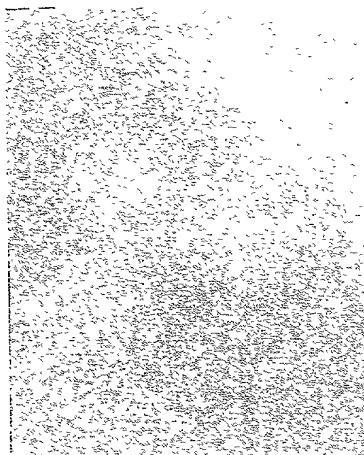


FIGURE 5B

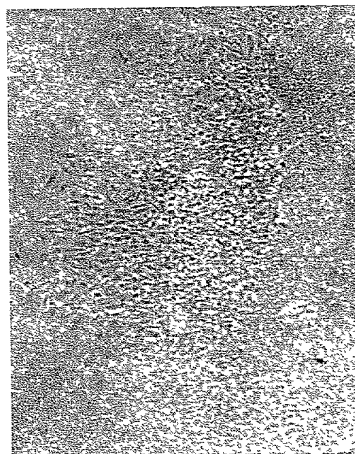


FIGURE 5C

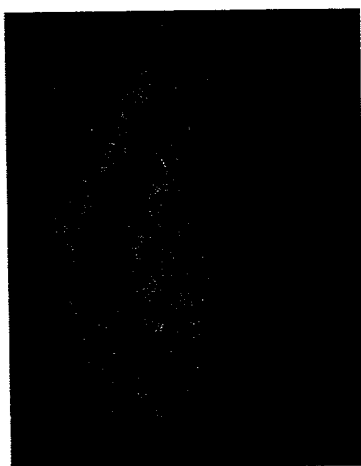
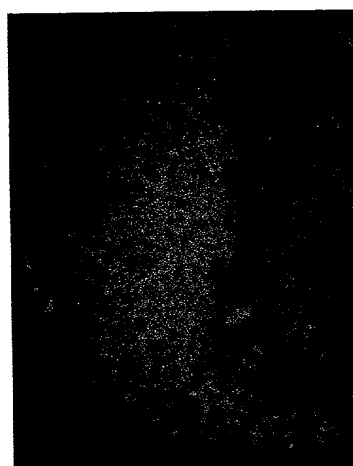


FIGURE 5D



1003930 1344
1003930 1344

FIGURE 6A

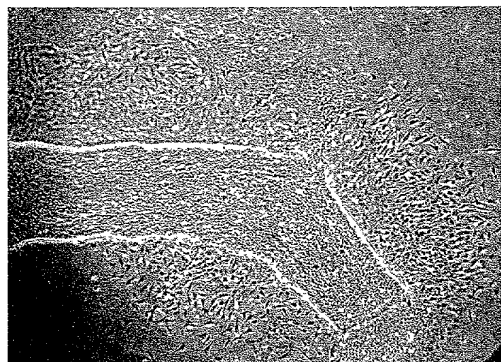


FIGURE 6B

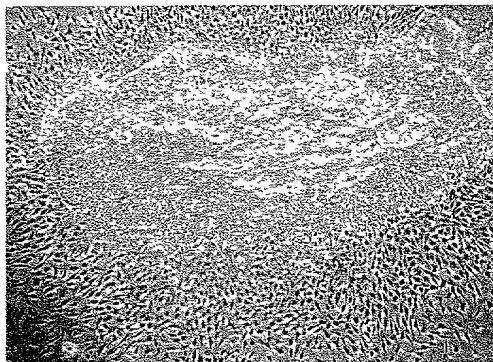


FIGURE 6C

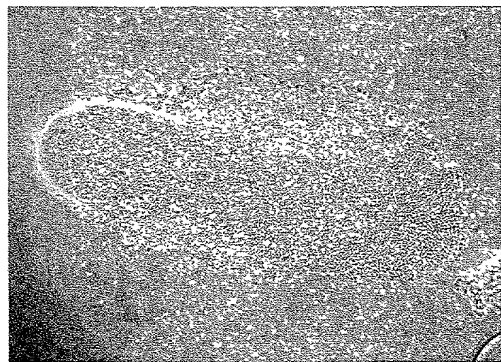


FIGURE 6D



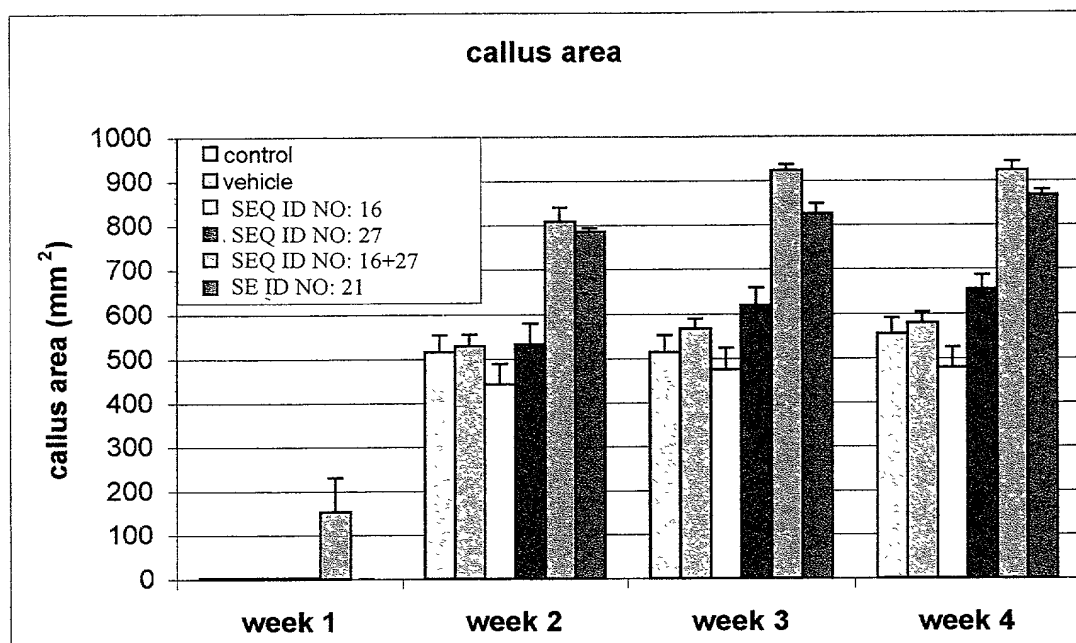
[illegible]

FIGURE 8

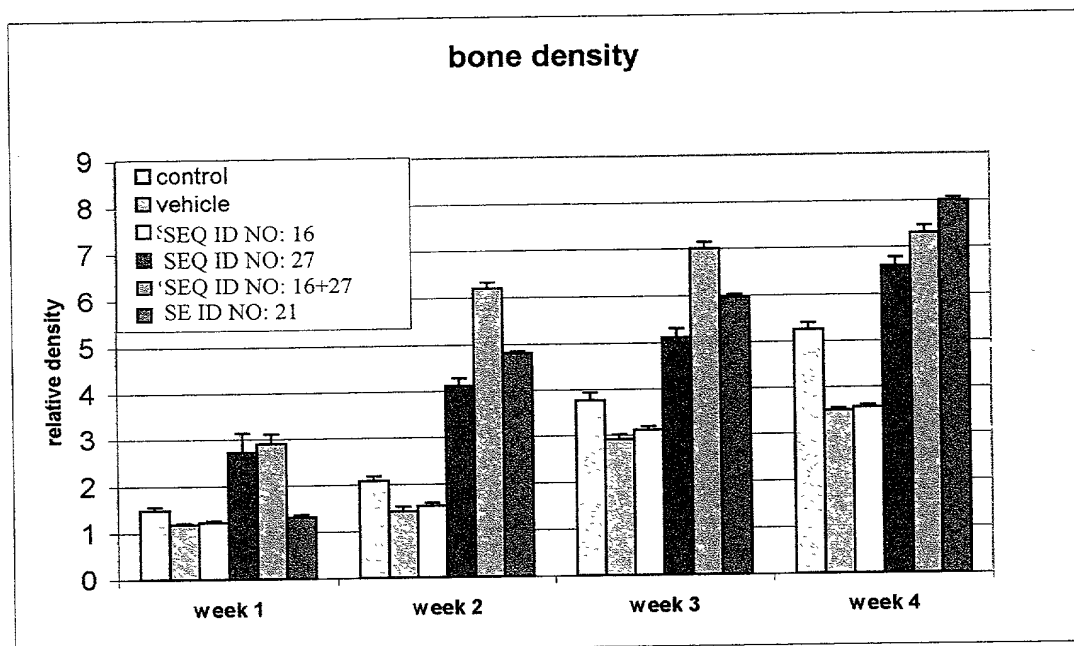


FIGURE 9

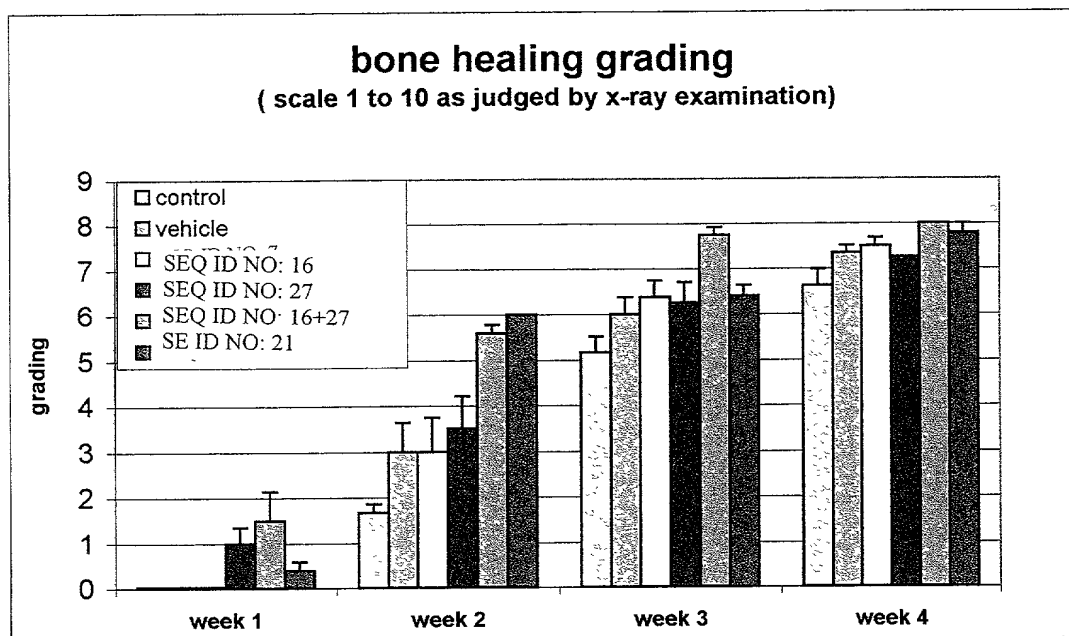


FIGURE 10A

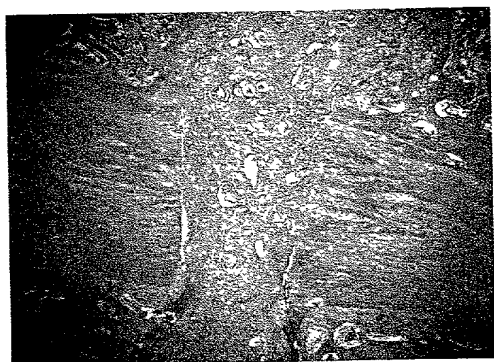
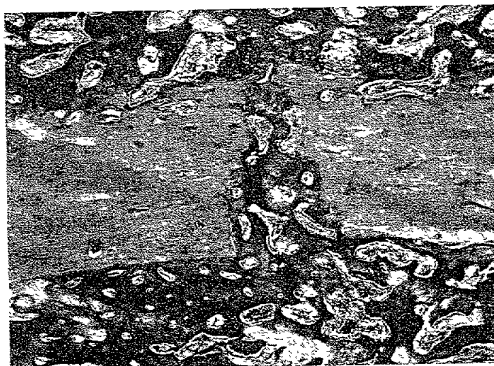


FIGURE 10B



4003330-124101

FIGURE 11A

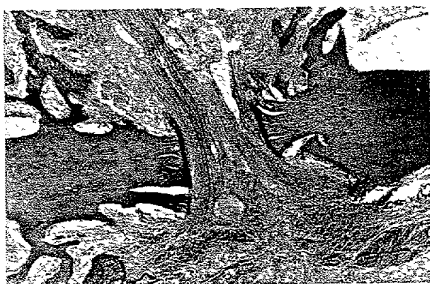


FIGURE 11B



1003230-1340
1003230-1340

Fig 12

HJ-loop

```

TBR1      EIARRCSIGGI---HEDYQLPYYDLVPSDPSVEE
ACTR2     ELVSRCKAADG--PVDEYMLPFEEEEIGQHPSLEE
BMR2      EIFMRCTDLFPGESVPEYQMAFQTEVGNHPTFED
TBR2      EMTSRCNAVGE---VKDYEPFPGSKVREHPCVES
ALK4      EIARRCNSGGV---HEEYQLPYYDLVPSDPSIEE
ALK3      EMARRCITGGI---VEEYQLPYYNMVPSDPSYED
ALK1      EIARRTIVNGI---VEDYRPPFYDVVPNDPSFED
          *:  *              :*  .:  :  ..*  *.

```

Alpha-D region

CLUSTAL X (1.81) multiple sequence alignment

```

TBR1      ----SDYHEHGS�FDYLNRYTIVTVE
ACTR2     ----TAFHDKGSLTDYLGNIITWNE
BMR2      ----MEYYPNGSLCKYLSLHTSDWV
TBR2      TAFHAKGNLQEYLTRHVISWE
ALK4      ----SDYHEHGS�FDYLNRYTIVTIE
ALK3      ----TDYHENGSLYDFLKCATLDTR
ALK1      ----THYHEHGS�YDFLQRTLEPH
          ::  :*. *  .: *

```

B4-B5 region

```

TBR1      ADNKDNG-TWTQLWLVSĐ
ACTR2     AEKRGSS-LEAELWLITA
BMR2      GDERVTADGRMEYLLVME
TBR2      AEERKTE-LGKQYWLITA
ALK4      ADNKDNG-TWTQLWLVSĐ
ALK3      ADIKGTG-SWTQLYLITĐ
ALK1      SDMTSRN-SSTQLWLITH
          .:      :  *:

```

A-region

```

TBR1      ----QTVMLRHENILGFIA
ACTR2     ----STPGMKHENLLQFIA
BMR2      ----RVPLMEHDNIARFIV
TBR2      SDINLKHENILQFLT
ALK4      ----QTVMLRHENILGFIA
ALK3      ----QTVLMRHENILGFIA
ALK1      ----NTVLLRHDNİLGFIÄ
          :.*:.*:  *:.

```